



Beyond Zero Emissions



A zero emissions Australia in ten years

## Table Of Contents

- **1** From The Chair
- **2** From the Chief Executive Officer
- **3** The Board
- 4 The Year In Review
- 5 Who We Are
- 6 What We Do
- 7 Zero Carbon Australia Research Plans
- **8** Superpower Preliminary Reports
- **10** International Engagement
- 11 BZE European Tour
- 12 Energy Freedom
- **13** Zero Carbon Communities
- **15** Volunteer Engagement
- 18 BZE Public Engagement
- 19 BZE In The Media
- **20** Partners
- **21** Looking Ahead
- **22** Financial Statements
- **24** Auditors Report

# From The Chair



### Eytan Lenko

2014/15 has been another year of achievement from BZE.

The strategic direction set by the Board and the CEO is bearing fruit with timely and cutting-edge reports being delivered and exciting initiatives such as Zero Emissions Byron taking shape.

BZE's finances are in better shape than they have ever been and the organisation is continuing to play a key role in informing Australia's zero emissions future.

BZE's governance, compliance, risk and financial management has been significantly strengthened through our governance and finance committees. I'd like to thank Jenny Lewis and William Sandover for their leadership of those committees.

The coming year will be about achieving the objectives set out in BZE's 2014-16 Strategic Plan. The Board will also be liaising with stakeholders internal and external to BZE to help create a new Strategic Plan for our next phase of development.

Changes to BZE's constitution, passed last year, mean that this year will mark a new era for the Board. For the first time, Board members will be elected by the BZE membership at our AGM. We look forward to working with the membership to facilitate this process.

On behalf of the Board, I am proud to present this year's update on the incredible work of BZE. We should all be proud of the depth and timeliness of our research and supporting activities.

Evtan Lenko

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# Erom The CEO Dr Stephen Bygrave



The past year has seen BZE enter an exciting new phase in partnering with influential organisations to implement the zero emissions research that BZE is known for.

Consistent with our 3 year strategic plan, we have continued to publish cutting edge research on High Speed Rail, Land Use, Electric Vehicles and Australia as a Renewable Energy Superpower.

We have also partnered with Byron Shire Council under our new Zero Emissions Communities initiative to assist Byron region to transition to zero emissions in a ten-year period.

We have also partnered with a range of zero emissions organisations overseas to take the Zero Carbon Australia story global.

We continue to develop the Energy Freedom initiative, partnering with leading organisations to implement the Zero Carbon Australia Buildings Plan.

Thank you to everyone, particularly our incredible volunteers, for making the past year a success.

Dr Stephen Bygrave

# The Board

Eytan Lenko (Chair)

David Hood

Jenny Lewis

Mark Ogge

William Sandover

Michael Spencer

Tom Quinn

Phillip Vernon

Heidi Lee

## The Year In Review

# 2014

### August

High Speed Rail report launched in Brisbane High Speed Rail report features on Channel Ten's 'The Project'

### September

Research commences on the Energy-Freedom Home book

#### October

BZE wins Green Lifestyle Award NGO category Land Use report launched in Melbourne Apricus joins Energy Freedom initiative

#### November

Fossil Economy report published Land Use report launched in Sydney Presentations of Land Use report to Members of Parliament, Canberra

#### December

Land Use report launched in Brisbane

# 2015

#### March

Launch of Zero Emissions Byron initiative Energy-Freedom Home book completed Presentations of Fossil Economy report to Members of Parliament, Canberra

#### April

Daikin Australia joins Energy Freedom initiative Carbon Crisis report finalised BZE speaking tour in Europe – Taking Zero Emissions Global

#### May

BZE speaking tour in Europe – Taking Zero Emissions Global

#### June

Byron Shire Mayor showcases Zero Emissions Byron initiative at UNFCCC inter-sessional meetings, Bonn, Germany

# Who We Are

Beyond Zero Emissions (BZE) is an independent think tank focused on climate solutions.

We are based in Melbourne and Canberra with members and volunteers located across Australia, with an active presence in Sydney and Brisbane.

The organisation's role is to provided and promote innovative solutions on how to move to a zero carbon economy in the next decade. We have a focus on thinking beyond the horizon and highlighting what is technically and economically feasible to make the rapid shift necessary to avoid catastrophic climate change.

We are independent and receive the majority of our funding from philanthropic organisations alongside a large group of dedicated individuals and supporters. We have an active and skilled group of volunteers who contribute to our research and engage with the public and community groups around Australia.



# What We Do

BZE's primary activities are research, education and public engagement

We have non-exclusive partnerships with the University of Melbourne, University of New South Wales, Australian National University and University of Newcastle and are able to draw on the expertise of a range of researchers across the country to provide evidence-based solutions to address climate change.

Whilst some organisations around the world are focusing on the decarbonisation of the economy as a whole, BZE is unique in that it is providing detailed analysis on the decarbonisation of individual sectors – energy, buildings, land use, transport etc.

BZE's Zero Carbon Australia project aims to provide decarbonisation pathways to individual sectors using existing technologies, with the plans combining to form an overall decarbonisation blueprint for Australia. To date, BZE has produced Zero Carbon Australia (ZCA) reports on stationary energy, buildings, high speed rail, land use (agriculture and forestry), and fossil fuel exports. BZE is currently in the process of producing ZCA reports on electric vehicles and Australia as a Renewable Energy Superpower.

BZE provides climate solutions that are feasible technically and could be implemented in Australia today. By showing the challenge we face is not technical, we give confidence to policy makers and the wider community that there are real, practical and affordable solutions to climate change that can be implemented now. Our research provides a resource to all those working to protect the climate for our present and future generations, as well as all other species on Earth.



### Zero Carbon Research Plans

During the year, BZE's research focused on launches of the Zero Carbon Australia High Speed Rail and Land Use reports. The Brisbane launch of the High Speed Rail report attracted substantial media interest, with the story featuring as news.com's top story for much of one day. Following this, BZE was interviewed on Channel Ten's The Project with Rove Mcmanus, Todd Sampson, Peter Helliar and Carrie Bickmore.



Meeting with Mark Butler, Shadow Minister for Environment, Climate Change and Water

The Land Use report was launched in Melbourne, Sydney and Brisbane and featured on ABC's Bush Telegraph in October 2014. BZE also presented the Land use report findings to Members of Parliament and their staff at Parliament House Canberra. The Land Use report shows the large contribution agriculture emissions make to Australia's total emissions – around one third of national emissions when emissions from land clearing are included. The report also highlights the measures that can be taken to move agriculture emissions to zero.



Melbourne launch of Zero Carbon Australia Land Use report

The Renewable Energy Superpower research program has spun off three preliminary reports in the process of completing the final Renewable Energy Superpower report, a key component of the Zero Carbon Australia series. These reports recalibrate the perception of economic risks from the unforeseeable disruption of decarbonising the economy with the foreseeable disruption of not decarbonising the economy.

### Carbon Capture and Storage: Information paper

CCS is an ever present retort of fossil energy interests, adamant that this will reconcile the burning of fossil fuels and the zero emission future necessary to arrest climate change. CCS is commonly used to justify expectations for ongoing Australian exports of coal and gas, decades into the future.

This information paper assesses the current state of CCS in its application to power generation – the main source of fossil energy emissions. Complex technical obstacles, intergenerational risks, counterproductive use of 'sequestered' carbon dioxide and fundamental economic challenges render CCS a false solution to affordable, or effective, emission reductions.

This paper demonstrates that the attitude of justifying continued fossil energy production in a zero emission future by use of CCS is built on erroneous foundations. Expecting CCS to 'save' the future of Australia's coal and gas is dishonest and ensures the industry is unprepared for future impacts, increasing the economic and social damage of their inevitable demise.

### Fossil economy

The Fossil economy report analyses the divergence in Australia's fossil energy export demand. Official Australian Government projections have been compared to projections of the International Energy Agency. This demonstrated the enormous divergence in expectation between the Australian Government and the IEAs business-as-usual (New Policy Scenario) and climate mitigation (450ppm) scenarios. Differences in revenue expectations amounted to over \$100 billion dollars per year by 2030, demonstrating the potential shortfall in anticipated earnings from the sector.

The Fossil economy report also investigated the trends in national energy policy of Australia's main trading partners. This showed that Australia's trade partner policies were converging on the IEAs climate mitigation scenario. This report provides an approximate dimension to the economic loss of misplaced hope in future fossil energy exports. This is a major risk for Australia which as the world transitions to clean energy.

### Carbon crisis

Following on from the findings of Fossil economy, the destabilising risk of underperforming fossil energy exports was investigated in Carbon crisis. Because a substantial loss of export revenue would impact on Australia's ability to service foreign debt, the risk of fossil energy export declines was tested.

This was also tested in context of other threats to Australia's economy, such as the growing emerging market weakness and the potential for penalties for exceeding Australia's fair share of the remaining carbon budget.

In the wake of the 2008 financial crisis the IMF developed a model for identifying the risk of nations experiencing a crisis based on an inability to service foreign debt obligations. The IMF model was used to test the vulnerability of the Australian economy to these shocks in conjunction with the National Institute for Economic and Industry Research (NIEIR).

The Carbon crisis report indicated that the carbon related risks of underperforming fossil energy exports and emission penalties were significant threats to the economy. In the event that both fossil energy export losses and emission penalties were both experienced, the likelihood of a crisis in Australia was uncomfortably high.



Andrew Longmire presenting the Zero Carbon Australia Land Use report to Members of Parliament, Canberra

# International Engagement

Taking Zero Carbon Australia Global - international engagement

At the end of 2014, BZE recognised that it had unique research to share internationally, particularly with momentum growing towards a global post 2020 agreement on climate change at Paris in December 2015, and with federal action on climate change at a standstill.

BZE also realised that there was a unique opportunity to position BZE as a key resource for governments and other key stakeholders to push for higher ambitions at Paris, with increasing calls from world leaders for a long term zero goal to be included in an international climate change agreement. This would also increase pressure on national governments - including Australia - to take action to accelerate the transition to a low carbon economy.

BZE's objectives include sharing it's research with key stakeholders who have the ability to influence the international negotiations, as well as encouraging stakeholders to show support for zero carbon research and the shift to a low carbon future in the lead up to Paris.

A further objective was to develop relationships with other zero carbon groups with a view to developing a collaborative knowledge sharing network to support and build the confidence of governments around a zero emissions goal.

Outcome highlights in 2015 included an invitation from the UNFCCC to the Mayor of Byron Bay to present on the joint BZE/Byron council 'Zero Emission Byron' project at an inter-governmental climate change conference in Bonn following a presentation by BZE CEO, Stephen Bygrave, to the UNFCCC during his April/May European tour.

During the same tour, Stephen Bygrave attended the inaugural meeting of the 'zero practitioners global network' led by highly regarded NGO Track 0 which is heading the charge to insert a net zero goal into the Paris agreement. BZE was recently featured as the Australian case study in Track 0 and Zero Carbon Britain's report: 'Who's getting ready for zero' which is currently being shared with policy makers involved in the Paris negotiations.

Energy Freedom was also profiled by the energy efficiency adviser to the G20, IPEEC, in its June newsletter following a productive meeting with BZE. Finally, there are plans for the 'Zero Practitioners Network' to be launched more formally at the upcoming Paris conference.



Mayor of Byron Shire, Simon Richardson, presenting on the Zero Emissions Byron project at the UNFCCC intersessional meetings, Bonn Germany

# BZE - European Tour

In April/May 2015 BZE presented its research to influential individuals and organisations in Europe, including the Organisation for Economic Cooperation and Development (OECD), the International Energy Agency (IEA), United Nations Framework Convention on Climate Change (UNFCCC), The European Commission and the World Business Council on Sustainable Development.

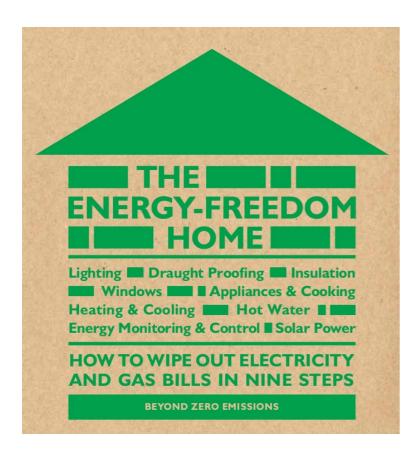
We also met with key NGOs working on zero carbon transition, including Track 0, Zero Carbon Britain, The Institute for Sustainable Development and International Relations, Climate Action Network Europe, Stockholm Environment Institute and Zero Norway.



Dr Stephen Bygrave presenting to UNFCCC staff

Energy Freedom Zero Carbon Communities

# Energy Freedom



Energy Freedom, is a grassroots program based on the highly successful Zero Carbon Australia Buildings Plan, which makes the research accessible to the average homeowner. It outlines nine practical steps to retrofitting a home in order to get off gas and become net energy positive with solar. The program is supported by private sector partners who provide high quality energy efficiency and solar technologies to the marketplace. While the program receives financial support from these businesses, communications materials and strategy are developed independently by BZE.

The profile of the program grew significantly over the past 12 months, with 1500 homeowners signing up, 900 Facebook likes, and 200 Twitter followers. Energy Freedom was profiled at numerous sustainability festivals, and hosted by councils to deliver workshops.

Towards the end of this financial year, Energy Freedom Home book was going through the final drafting stages, with the aim to launch it in cities across the country in September, 2015. The book is a "how to" guide to achieving energy freedom, and profiles two case studies of typical Australian homes which have been successfully converted to produce more energy than they consume.

## Zero Carbon Communities



Mayor Simon Richardson at first community workshop, Byron Shire - June 2015

In March 2015, BZE launched the new Zero Carbon Communities program, aimed at developing partner-ships with local governments and communities interested in implementing BZE's research.

There are a number of communities keen to act on climate change in the absence of action at the federal level.

The Mayor of Byron shire, Simon Richardson, committed Byron shire to becoming Australia's first regional town aiming for a zero emissions future within 10 years thus applying BZE's research in practice.

Since then, BZE has been supporting the council to set up community working groups covering energy, waste, transport, buildings and land use which are all currently in the initial phase of collecting baseline emissions data, developing strategic plans and setting targets.



Launching Zero Emissions Byron Mayor Simon Richardson and CEO Stephen Bygrave

The project has already been recognised as groundbreaking by the UNFCCC. Plans are underway for the Zero Emissions Byron project to be represented at the 100% Renewable Network event taking place at the upcoming Paris conference which will facilitate peer to peer learning for 15 leading cities and regions who have made 100% renewable commitments.

Likewise, the project is gaining considerable interest at local level with other councils keen to learn and consider similar commitments for themselves.

BZE has also been working with the Mayor of Mitchell Shire and the local community towards a Sustainable Seymour, again implementing BZE's Zero Carbon Australia plans on the ground. Alongside local environmental groups The Seymour We Want, BEAM, and U3A, BZE facilitated 3 community workshops identifying zero carbon projects across energy, transport, buildings and land use in mid 2015.



**Zero Carbon Community Workshop in Seymour** 

# Volunteer Engagement

Our volunteers are a core part of BZE's research and public engagement activities. Our volunteers run regular stalls at conferences, workshops and community events, as well as speak at schools, rotary clubs and council events. This year our volunteers played a key role in expanding our Energy Freedom initiative, following up with households who have joined the initiative and running information sessions at council workshops. BZE also ran several training sessions for volunteers on our research, focusing on the Zero Carbon Australia Buildings Plan and Energy Freedom.

### Volunteer research on BZE's Land Use Report

As a followup to the Zero Carbon Australia Land Use report published last year, Isabel Cullen has been undertaking an honours project at the Australian National University titled "Climate Change mitigation in the agricultural sector: How can land holder experience inform policy direction." This research follows on from the BZE Land Use Report published last year.

So far her research has found that there are several federal and state policy frameworks in place to deliver greenhouse gas abatement outcomes in the agriculture sector. Land clearing, biodiversity and natural resource management measures are well established, as well as the more recent Carbon Farming Initiative. Isabel has found that policy frameworks in their current form will not deliver the scale and pace of climate change mitigation required.



**Isabel Cullen with farmer Colin Seis.** 

### BZE Radio Show

The highlight of producing BZE community radio is the teamwork. The radio show is entirely run by BZE volunteers.

Vivien, Jane, Michael and Laura in the studio, Roger on podcasts, Glen and Miwa on editing, Teddy with graphics and Jodie on twitter.

We broadcast to a large drivetime audience every Monday and Friday. Interviewees have included: Colin Seis at Gulgong with his enriched soils, the Permatil People reforesting in East Timor, Defenders of the Great Forest National Park near Warburton on the BZE Landuse Plan.

This year, stories on coal and CSG took us to Hazelwood, Anglesea, Gloucester, Galilee Basin's Wangan Jagalingou people, Bulga and T4 at Newcastle.

We covered State Elections, where CSG and being Solar Citizens swung seats. Words like "stranded assets", "divestment" powerwall and "Urgenda" seeped into the public consciousness.

The most moving moment in the studio was when a writer, whose sister had died in a heatwave began to weep. We put on some music and asked if we should stop there. She replied that she wanted to go on, with the story being so important.

This is live radio. Climate Action as it happens.



### **BZE** Discussion Groups

The BZE monthly Discussion Groups broke attendance records a number of times in the past year, and average attendances have increased since our humble beginnings in 2008. The video recordings have also been very popular and have had many hits on YouTube. We had a record (approx) 140 people pack out the lecture theatre in April 2015 on the pertinent and good news topic of "The Future of Solar & Storage". We also covered topics such as electric vehicles, grid impacts, economic fuel switching (from gas to electric) and we were the first in the world to hear about the new features of Perth start-up's new solar panel AC optimiser. We also featured BZE presenters on Energy Freedom and the Fossil Economy report. Attendees always leave excited and motivated about taking action on renewable energy and climate solutions!



One of the presentations at the BZE Discussion Group

It hasn't all been sunshine and lollipops though! Due to changes in University of Melbourne (UoM) venue bookings procedure, we were told that we would have to find an alternative venue or pay for venue hire. The BZE discussion group volunteers, with the support of many regular attendees, pushed hard and we put in a written submission for the UoM Engagement team in Chancellery to sponsor a regular venue (free of charge!). We received endorsements from the UoM Sustainability (Property services) team, Melbourne Sustainable Societies Institute (MSSI), Melbourne Energy Institute (MEI), venue management and many attendees. Quoting from MSSI:

"These meetings feature influential academic and professional guest speakers and are important to BZE's ongoing strategy development and organisational cohesion."

and from the Sustainability team:

"The BZE Discussion Groups are informing both the University and public of the latest information and solutions."

We would like to thank the UoM Chancellery who agreed to sponsor an ongoing regular venue for these monthly events.



Some of our amazing Staff and Volunteers

BZE Public Engagement BZE In The Media



### BZE Public Engagement

Beyond Zero Emissions NGO winner of 2014 Green Lifestyle Awards

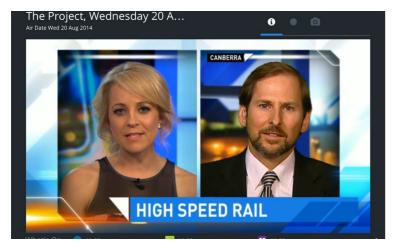
Beyond Zero Emissions won the Business Not For Profit Category of the Green Lifestyle Awards held in Sydney in October 2014. The third annual Green Lifestyle Awards recognised more than 60 leading companies and personalities in the green industry.

BZE was acknowledged in the Award Ceremony as follows:

"With a small team of staff and hundreds of volunteers across Australia, Beyond Zero Emissions has been integral in bringing more sustainable, renewable energy solutions to Australia."

"Beyond Zero Emissions have recently developed plans for a high speed rail network around Australia that is 30 billion dollars cheaper than previous plans, and would cut carbon emissions from travel along the east coast by 30 per cent a year. So what they're doing is pretty important work."

Around 140 people attended the awards presentation at the Coal Loader Centre for Sustainability in Waverton, Sydney. These included many of the winners and highly commended in 30 categories covering food, fashion, beauty, garden, home, kids, wellbeing, travel, transport, online, and business.



BZE's High Speed Rail report was featured on Channel Ten's The Project on 20 August 2014. Stephen Bygrave was interviewed by a panel including Rove Mcmanus, Carrie Bickmore, Peter Helliar, and Todd Sampson.

### BZE In The Media

Over the past year, Beyond Zero Emissions has been featured in various mainstream media outlets including ABC, Channel Ten TV, Prime TV, NBN News, the Conversation and the Sydney Morning Herald. In addition BZE has regularly written articles for Climate Spectator and Renew Economy. Below are some of the BZE stories featured over the course of the year.

Daily Examiner - 22 August 2014 - BZE High Speed Rail report

http://www.dailyexaminer.com.au/news/high-speed-rail-on-table/2359868/

ABC - 20 August 2014 - BZE Repower Port Augusta

http://www.abc.net.au/environment/articles/2014/08/20/4070244.htm

Channel Ten TV - The Project - 20 August 2014 - BZE High Speed Rail report

The Conversation – 16 October 2014 – BZE Carbon Capture and Storage report

https://theconversation.com/carbon-capture-and-storage-reality-or-still-a-dream-33012

ABC BushTelegraph - 24 October 2014 - BZE Land Use report

http://www.abc.net.au/radionational/programs/bushtelegraph/controversial-recommendations-dominate-zero-carbon-report/5838280

The Conversation – 21 November 2014 – BZE Fossil Economy report

http://theconversation.com/australias-coal-and-gas-exports-are-being-left-stranded-34496

ABC Radio - 25 November 2014 - BZE Fossil Economy report

http://www.abc.net.au/news/2014-11-26/beyond-zero-warning-on-coal-forecast/5918162

Green Lifestyle Magazine – 12 February 2015 – BZE NGO 2014 winner of Green Lifestyle Awards

http://www.greenlifestylemag.com.au/features/20369/renewable-energy-could-be-answer-risk-cli-mate-change---hear-expert

The Guardian - 9 March 2015 - Zero Emissions Byron project

http://www.theguardian.com/australia-news/2015/mar/09/byron-bay-first-regional-australian-city-to-commit-to-zero-emissions

Prime TV - 9 March 2015 - Zero Emissions Byron Project

https://au.prime7.yahoo.com/n1/news/a/-/national/26564694/campaign-to-have-zero-emissions-video/

NBN TV - 9 March 2015 - Zero Emissions Byron project

http://www.nbnnews.com.au/2015/03/09/byron-bay-makes-history-with-plan-to-become-carbon-neutral/

Sydney Morning Herald – 21 April 2015 – BZE Fossil Economy report

http://www.smh.com.au/environment/climate-change/deep-carbon-emission-cuts-possible-and-in-evitable-reports-find-20150420-1mow5b.html

Partners Looking Ahead

### Partners

Apricus Australia

Australian Communities Foundation

Australian Environmental Grantmakers Network

Australian Glass & Glazing Association

Byron Shire Council

Centre for Energy and Environmental Markets, UNSW

Cherry LED

Complete Colour Printing

Earthworker Cooperative

Earth Welfare Foundation

Energy Matters

Fenner School, Australian National University

Institute for Environmental Studies, UNSW

Knauf Insulation

Mark Making

McKinnon Family Foundation

*Melbourne Energy Institute* 

Melbourne Sustainable Society Institute, University of Melbourne

Melliodora Fund

PACE Foundation

PMF Foundation

Sustainable Construction Services

Tom Farrell Institute, University of Newcastle

**TotEM** 

Tracko

Useful Design

Windows for Life

Winsome Constance Kindness Trust

Zero Carbon Britain

Zero Norway

# Looking Ahead

The next 12 months will see us continuing our research on the Zero Carbon Australia project and continuing to forge strategic partnerships to implement this research, particularly through the Energy Freedom and the Zero Carbon Communities initiatives.

With many of our Zero Carbon Australia research reports now complete, we are looking to produce a book that brings all the reports into one publication.

We also want to reproduce our research into products that are available to a broader range of audiences.

This will include fact sheets, policy briefing papers and short reports on each of our ZCA plans. We have started a technical volunteer group that meets on Tuesday evenings to support this work.

We look forward to this exciting new phase in the evolution of BZE in researching innovative climate solutions for a zero emissions future.



# Financial Statements

# Income Statement

	2015 (\$)	2014 (\$)
Income —		
Donations	403,326	503,029
Memberships/Subscription	1,367	818
Consulting Fees	181	34,209
EFI Joining Fee	56,364	60,000
Interest Received	5,102	5,102
Other Revenue	19.374	19,812
	486,418	622,970

# Expenses Balance Sheet

	2015 (\$)	2014 (\$)
Expenditure ——		
Bank Charges	140	161
Collection Costs	1,820	1,461
Compliance Costs	1,082	1,045
Depreciation	3.974	5,299
Donations – Refund	200	600
Event Expenses	831	11,495
Grant Fees		90
Holiday Pay	17,005	22,619
Insurance	4,064	5,175
I.T. Expenses	12,797	14,020
Office Expenses		3,567
Postage and Stationery	437	900
Printing Costs	12.714	36,910
Radio Fees	6,490	5,584
Recruitment		14,315
Rent		2,894
Research	55	8,997
Salaries	318,102	298,252
Storage		797
Subcontractors	34,577	101,230
Sundry Expenses	1,170	744
Superannuation	31,449	28,312
Telephone	1,144	623
Travelling Expenses	17212	6,723
	465,263	571,813
Operating Profit / (Loss)	21,155	51,157

22 Beyond Zero Emissions

23



### J L Collyer & Partners

<u>Directors</u> Lionel R. Arnold CA B.Bus Raelene Cheng CPA B.Com

Consultant

Janet L. Collyer FCPA

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### INDEPENDANT AUDITORS REPORT

### To the members of **BEYOND ZERO EMISSIONS Inc**

#### Report on the Financial Report

We have audited the accompanying financial report of Beyond Zero Emissions Inc. (the association), which comprises the committee's report, the assets and liabilities statement as at 30 June 2015, the income and expenditure statement for the year then ended, notes comprising a summary of significant accounting policies and other explanatory information, and the statement by members of the committee.

#### Committee's Responsibility for the Financial Report

The committee of Beyond Zero Emissions Inc. is responsible for the preparation of the financial report that gives a true and fair view in accordance with Australian Accounting Standards and the Associations Incorporation Act 2012 and for such internal control as the committee determines is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

In Note 1, the committee also state, in accordance with Accounting Standard AASB 101 Presentation of Financial Statements, that the financial statements comply with International Financial Reporting Standards.

#### **Auditor's Responsibility**

Our responsibility is to express an opinion on the financial report based on our audit. We conducted our audit in accordance with Australian Auditing Standards. Those standards require that we comply with relevant ethical requirements relating to audit engagements and plan and perform the audit to obtain reasonable assurance about whether the financial report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the association's preparation of the financial report that gives a true and fair view, in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the association's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the committee, as well as evaluating the overall presentation of the financial report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### Independence

In conducting our audit, we have complied with the independence requirements of Australian professional ethical pronouncements.









#### Opinion

In our opinion:

- a. the financial report of Beyond Zero Emissions Inc. is in accordance with the Associations Incorporation Act 2012, including:
  - i. giving a true and fair view of the Association's financial position as at 30 June 2015 and of its performance for the year ended on that date; and
  - ii. complying with Australian Accounting Standards and the Associations Incorporation Act 2012
- b. the financial report also complies with International Financial Reporting Standards as disclosed in Note 1.

Lionel R. Arnold
J L COLLYER & PARTNERS